INTERAVIA
Aerospace Review

INDEX FOR 1982

SUBJECT INDEX

AIR TRANSPORT

B.CAL moves into the Caribbean : 1/12
Airline Orders : 1/12, 2/118, 3/208, 4/295, 5/409, 6/535, 7/641, 9/854, 10/1014,
Turning Pan Am around *(Ed Acker talks to Interavia)* – *R. Goodson :* 1/32
Armin Baltensweiler talks to Interavia – *R. Goodson :* 2/116
Plugging the dyke on the North Atlantic : 2/118
Banks throw Laker a lifeline : 2/119
Le blues à la française : 3/210
Travellin' across Texas : Commuters take to the skies – *R. Goodson :* 3/239
Shoot out at D/FW : Braniff and American must strive to survive – *R. Goodson :* 3/244
Editorial : Don't bury the 150-seater yet : 4/291
American's 757 cancellation highlights dismal state of US airline industry : 4/295
US airline financial results 1981 : 4/296
European regional airlines : A rational system struggles to emerge – *M. Grangier, R. Goodson :* 4/368
B.CAL prepares for the future – *D. Wood :* 4/380
Show cause no show : 5/409
Air France : a different man in the cockpit : 5/409
1981 better than expected for US commuters : 5/410
Situation normal : The confused domestic scene in Japan – *R. Goodson :* 5/447
Kenya Airways : Going it alone, courageously – *C. Bulloch :* 5/456
SAS makes progress towards recovery : 5/458
The Westland 30 goes into service – *M. Lambert :* 5/472
Airspace use and the jet age – *B.W. Heinz :* 5/506
CAB defends the virtues of competition : 6/534
BA hives itself off : 6/534
Delta loss underlines appalling first quarter for US airlines : 6/536
Regional air transport in Japan – *R. Goodson :* 6/597
Africa's airlines seek closer co-operation – *N. Brough :* 6/600
Air Midwest : The tenacious pioneer – *M. Grangier :* 6/602
After Braniff : will sanity return? : 7/641
SITA's new directions : The growth of airline telematics – *C. Bulloch :* 7/703
Air Cargo : traffic increases while profits vanish – *R. Goodson :* 7/706
The US majors : facts behind the figures : 7/706
IATA airlines' 1981 results : 8/734
UK independents diversify : 8/734
"A lot of passengers but no money" : Charter operators feel the squeeze – *R. Goodson :* 8/813
60 or 90 minutes : A matter of confidence – *P. Condom :* 8/816
Levine on Deregulation : Airline president and former CAB official Michael Levine talks to Interavia : 8/820
HeavyLift lifts for the Falklands : 9/854
Upheaval in Mexico : 9/855
US scheduled airline industry passenger traffic statistics for first half 1982 : 9/855
US airline results : 9/855
Survival or bankruptcy : Sabena bites the bullet – *R. Goodson :* 9/951
Specifying the 150-seater : Delta's tantalising requirement : *B. Rek :* 9/953
'Safe-harbour' home and dry? : 10/1014
The deregulation experience – *R. Burkhardt :* 10/1061
Where next for Midways Airlines – *R. Lopez :* 10/1064
The world's major airlines : An Interavia survey : 10/1077
The airlines and their financiers : A delicate partnership – *N. Brough :* 10/1101
Monitoring open skies – Interavia talks to Geoffrey Lipman, Executive Director, Office of the Director General of IATA : 10/1122
France considers new air transport policy : 11/1140
TAT sets tough terms for ATR 42 buy : 11/1140
MDC starts giving away Super 80s (almost) : 11/1141
Changing times for California's airlines – *B. Sweetman :* 11/1211
The growing burden of user charges : IATA puts the airlines' case – *R. Goodson :* 11/1214
IATA meeting – And the prospects look grim : 12/1252
British Airways : growing anger in the private airlines : 12/1253
Training the airline pilot – *M. Lambert, R. Lopez and M. Grangier :* 12/1269
Shuttle services – what prospects for the future? – *N. Brough :* 12/1286
Why British Midland wants the ATP – *B. Rek :* 12/1288

GENERAL AVIATION

Mitsubishi Diamond I : prospects following certification : 1/17
1982 : the crucial year for the Citation III – *M. Grangier :* 1/87
The GenAv "glass cockpit" : Certification this Summer – *C. Bulloch :* 1/91
NTSB analyses helicopter accidents : 2/124
The latest Ecureuil 2/TwinStar : An Interavia flight assessment – *M. Lambert :* 2/145
Air Logistics approaches a second successful decade – *M. Grangier :* 2/148
The North Sea : A pause for politics? – *J. Ferguson :* 2/150
A business jet with upper surface blowing – *M. Grangier :* 2/185
Gulfstream GIII after the globe-circling flight : 3/217
GAMA 1981 aircraft deliveries : 3/218
Challenger CL-601 makes its bow – *M. Grangier :* 3/267
The US GenAv industry : is the crisis worsening? : 4/301
Aircraft thefts mounting : 4/302
One can always dream : 5/417
How to sell business aircraft during a recession? – *M. Grangier :* 5/437
General Aviation in the USA : Waiting for the upturn – *M. Grangier :* 5/467
Training private pilots : manufacturers go on the attack – *M. Grangier :* 5/503
Is there a market for medevac aircraft? : 6/541
Canadair's new Challenger flies : 6/542
The computerized cockpit for the one-man crew – *M. Lambert :* 6/608
Motor gasoline for light aircraft : the CAA takes the first steps : 7/644
Astra : Can it live up to its aspirations? – *M. Grangier :* 7/698
New European projects for two-seat singles : 8/738

The recession deepens : 8/738
Light single turboprops : A new model on the market soon? : 8/739
From Falcon 20 to Falcon 200 : An important French re-engining program – *M. Grangier :* 8/818
Editorial : A penniless market : 9/845
On the eve of NBAA – industry faces crisis : 9/856
Interavia round table : Will the recession change purchasing policies in the business aircraft market? : 9/871
Technology for tomorrow's business aircraft – *M. Grangier :* 9/875
Leading particulars of the principal types of turbojet and turboprop business aircraft : 9/877
Cessna Crusader operator's assessment – *M. Lambert :* 9/895
Piston engines for general aviation : Is the revolution really under way? – *M. Grangier :* 9/898
Sales... at any price : 10/1019
Robin comes up again : 10/1019
Thunder power for executive and ag-aircraft : A new lease of life for the piston engine – *B. Sweetman :* 10/1048
Gulfstream's special GIII for Denmark – *M. Grangier :* 10/1109
Plenty of news, not many customers at NBAA – *M. Grangier :* 11/1151
Transair Switzerland : a smart turnaround : 12/1258
Single turboprops pursue business aircraft market – *M. Grangier :* 12/1274
Gulfstream American – beyond the G III – *M. Grangier* 12/1276
Learfan advances under new management – *B. Sweetman :* 12/1310

AIRPORTS

British airports taking off again : 1/12
Changi International – an airport for the 1980s – *H.P. Mama, R. Goodson :* 1/100
The World 's Busiest Airports in 1981 : 7/640

AIR TRAFFIC CONTROL

US ATC to be overhauled from the ground up : 3/208
Airspace use and the jet age – *B.W. Heinz :* 5/506
Interavia surface radar catalogue : 9/963
AERA – the next big step in ATC automation – *D. Boyle :* 10/1066

MILITARY AVIATION

Saudi AWACS : the real costs : 1/18
France likes the Hawkeye : 1/18
India builds its air defence : 1/18
Egypt walks the US way : 1/19
World Air Forces Survey 1982 : 1/51
A new look at the Tupolev Tu-26 'Backfire' – *G. Lafon :* 1/78
Training on the Tornado : In squadron service soon – *P. Maurice :* 1/80
Runway busting : current anti-runway weapons – *M. Hewish :* 1/83
Egypt buys pre-production Mirage 2000s : 2/122
Italian Milan missile program : 2/122
AMX costs : 2/123
Hughes gears up for AMRAAM production : 2/123
PAH-2 gets a fresh start : 2/123
US Air Force to pick new trainer soon : 2/123
Enter the C-5N and KC-10 : 3/214
Egypt gets its first F-16s : 3/215
100 B-1Bs in three years : 3/215
Will Britain sell or retire Invincible? : 3/215
Spending boost foreseen on satellite defence systems : 3/216
Combat VSTOL : Still not the cure-all – *M. Lambert :* 3/223
AV-8B/Harrier GR.5 : range, payload and VSTOL – *M. Lambert :* 3/224
Yak-36 Forger : the Brand X VTOL fighter – *G. Lafon :* 3/228
US Defence Budget : 20 per cent rise requested : 4/299
PAH-2/HAC – the end of Franco-German co-operation? : 4/300
Senate attacks MX : 5/413
Britain buys Martello radar : 5/413
GD foresees more than 3,000 USAF F-16s : 5/514
The commercial fighter – *M. Lambert :* 5/431
Why Sweden wants its own fighter – *M. Lambert :* 5/434
Will Germany buy its PAH-2 from Bell? : 5/508
Switzerland selects gap-filler radar : 6/537
US Army approves AH-64 production, but... : 6/538
India confirms 150 Mirage 2000s : 6/538
Egypt to have modernized Alpha Jet : 6/539
Switzerland means to defend its neutrality – *M. Lambert :* 6/557
JTIDS marches on : will it work in Europe? – *C. Bulloch :* 6/573
Who goes there? – Pardon me? NATO IFF heading for communications gap – *D. Boyle :* 6/574
Secure voice requirement remains – *C. Bulloch :* 6/576
Tornado : first service results : 7/643
Helicopter versus fixed wing fighter : 7/643
The ASW helicopter : A change of emphasis : *M. Lambert :* 7/671
Military surveillance radars, now and tomorrow – *C. Bulloch :* 7/676
Epsilon : The basic trainer with military ways – *G. Chambost :* 7/700
France develops helicopter night sights : 8/737
The Falklands war : how the equipment fared : 8/740
NATO's AEW force activated : 8/742
USAF forms Space Command, calls for fifth Orbiter : 8/744
AFCEA 82 : The vital role of C^3I – *D. Boyle :* 8/746
Hover jam : US Army studies EW helicopter – *D. Boyle :* 8/760
Count-down for Lynx 3 – *M. Lambert :* 8/763
Wars don't stop at night – *B. Wanstall :* 8/773
Britain looks for a new fighter : 9/852
EH101 decision nearer : 9/852
Fairchild Republic T46A : US Air Force's Next Generation Trainer : 9/853
The cruise missile era dawns – *J.P. Geddes :* 9/919
Tactical flying in Europe : Realism versus Environment – *B. Wanstall :* 9/924
Battlefield targeting : A requirement that won't go away – *D. Boyle :* 9/959
"They get along fine" – Interavia talks to Joe Colarusso of Hazeltine about the NATO Identification System : 9/990
Does China really want the Mirage 2000? : 10/1015
United States FY83 Weapons Purchases : 10/1016
Austrian fighter choice still uncertain : 10/1017
Canadians get first CF-18 Hornet : 10/1018
France trims defence budget : 10/1018
F-5G Tigershark : Testing time lies ahead – *C. Gilson :* 10/1045
Engines for future combat aircraft : What's needed and what's achievable – *P. Condom :* 10/1050
Germany looks for a new 7-tonne helicopter – *M. Lambert :* 10/1103
AEW for France : the search continues : 11/1145
US Navy's VTXTS moves a stage nearer : 11/1146
Integrating AEW into NATO : 11/1146
France studies new air-to-air weapon system : 11/1147
Japanese defence spending to increase : 11/1147
ACA – ECA or Pipedream : Industry needs it – but who will pay? – *B. Wanstall :* 11/1191
Anti-radar missiles – *D. Boyle :* 11/1194
Survival is their business : Martin-Baker's single-minded approach – *B. Rek :* 11/1196
Helicopters take on AEW role – *D. Boyle :* 11/1198
Matra develops new missile family : 12/1255
IIR Maverick creeps into production : 12/1256
Russians over the Baltic : 12/1257
Air defence in the Baltic – *B. Wanstall :* 12/1297
Phoenix missile system 'still the one to beat' – *J. P. Geddes :* 12/1300
Beyond the far horizon – USAF's ionosphere-bouncing radar finally set to go – *C. Bulloch :* 12/1302

SPACE

Intelsat VI : decision soon : 1/20
Spacelab delivered, work continues : 1/21
Who will run Shuttle? : 1/21
Ariane – The European option : 2/113
Soyuz and Salyut : Stepping-stones to a permanent Soviet space station? – *R. Engel :* 2/173
NASA's budget : bleeding rather than beheading : 3/216
Intelsat VI choice contested : 4/303
NASA soldiers on to 1983 : 4/304
Inmarsat : Maritime communication takes on a new dimension – *C. Bulloch :* 4/383
French space spending rise continues : 5/415
UK opts for satellite TV : 5/415
Third Shuttle flight analysis : growing confidence : 5/416
Dexterity for the Space Shuttle : A training simulator for the Remote Manipulator System – *T. Weissmann :* 5/454
Intelsat VI subcontracts : 6/540
NASA's future : The view from the top : 6/544
ESA remote-sensing program start : 7/645
New Shuttle prices frighten customers : 8/743
USAF forms Space Command, calls for fifth Orbiter : 8/744
First French 'spationaute' flies : 8/744
Small steps towards a US space station : 9/851
Editorial : Pacem in orbit? : 10/1011
Ariane L5 inquest verdict awaited : 11/1148
Columbia ready for first operational launch : 11/1148
UN conference urges shared space benefits : 11/1149
France in space : Number Three tries hardest – *C. Bulloch, P. Condom :* 11/1207
French space policy as seen by one of its makers : Interavia interviews Roger Lesgards : 11/1234
Ariane L5 : the pump it was that died : 12/1259
Space launcher systems – who's out in front? – *C. Bulloch 12/1281*

INDUSTRY

Recipe for a vital industry : Money, work and will : 1/9
The 150-seat timescale stretches Boeing's way : 1/14
Lockheed to end TriStar production : 1/15
Aérospatiale Helicopters : 1981 results and 1982 prospects : 1/16
Lockheed Georgia well ahead : 1/19
Airbus Industrie : the year of progress – *K. Regelin :* 1/35

Boeing's bigger narrowbody – *B. Rek:* 1/43
Airbus keeps its options open : 2/121
Will Lockheed be the last to say enough is enough? – *B. Rek:* 2/133
Ahrens AR 404 : an outsider bids for the light transport market – *D. Wood:* 2/139
The Italian aerospace industry : A firm future at last? – *M. Grangier, M. Lambert:* 2/157
Still room for optimism : 3/205
McDonnell Douglas modifies DC-10 slat mechanism after Miami incident : 3/210
BAe 146 production builds up : 3/211
Hughes Helicopters faces civil and military problems : 3/211
MDF 100 is abandoned : 3/212
CAC-100 : The commuter from Ohio – *B. Rek:* 3/242
Piper's T-1000s attack the airline market – *B. Rek:* 3/268
Steering MBB through troubled waters : 4/294
Fokker's "flirtation" with Airbus : 4/297
Commercial EH 101 : new details : 4/298
Saab-Fairchild 340 : Reducing the commuter operators' risk – *M. Lambert:* 4/317
Boeing's high-capacity jumbo – *B. Rek:* 4/323
West German aerospace : Self-help for hard times – *C. Bulloch, U. Philipp, B. Rek:* 4/334
Editorial : Darwin rules – OK? : 5/405
Dornier starts tests with DSFC Alpha Jet : 5/411
McDonnell Douglas stays in the 150-seat race : 5/412
The commercial fighter – *M. Lambert:* 5/431
Why Sweden wants its own fighter – *M. Lambert:* 5/434
The Westland 30 goes into service – *M. Lambert:* 5/472
The world's military helicopter fleets : 5/483
Training private pilots : manufacturers go on the attack – *M. Grangier:* 5/503
French Industry : Nationalization ! is that what you said? – *P. Condom, G. Chambost:* 6/581
New programs and technological resources : 6/583
Helicopters : a new military range : 6/586
ATR 42 : The real take-off – *M. Grangier:* 6/604
The Commuter 1900 : Beech's new attack on the market – *M. Grangier:* 6/606
US big three : the financial picture : 6/612
Hanover 82 : 7/655
Boeing's new transport in a flight-test marathon – *P. Condom:* 7/695
The 146 comes to Switzerland : 8/735
MDC produces flood of airliner proposals : 8/736
Piper's T-1040 : how it shapes up – *M. Lambert:* 8/757
UK aerospace adjusts to Thatcher regime : 8/789
Military aviation : British Aerospace charts its future : 8/790
Commercial aircraft : confidence despite difficult times : 8/792
Civil potential for helicopters : 8/794
Rolls-Royce plays the waiting game : 8/795
Aerospace electronics : Fears belied by climbing sales : 8/798
The equipment sector : collaboration is the key : 8/800
Space policy : a real shift of will? : 8/802
Aerospace R&D : a defence-based effort : 8/804
De Havilland Canada signs for share of Airbus A320 : 9/849
China's Y11T to be sold by UK group : 9/850
Recession also reaches US helicopter manufacturers : 9/857
Gyroscopes and rate gyros : a swiftly-changing market – *P. Condom:* 9/988
Embraer sales finance challenged : 10/1015
France to spend Fr500 million on the A320 : 11/1142
Embraer wins first round : 11/1143
Centralised control for Aeritalia and Agusta : 11/1144
New commuterliners : The market opens up – *M. Grangier:* 11/1167
Powerplants : A concentrated market – *B. Rek.* 11/1172
Avionics : A problem of identity – *P. Condom:* 11/1173
Survival is their business : Martin-Baker's single-minded approach – *B. Rek:* 11/1196
Are airships in again? – *M. Grangier:* 11/1216

TECHNOLOGY

Airbus certificates the forward-facing cockpit – *M. Lambert:* 1/40
A business jet with upper surface blowing – *M. Grangier:* 2/185
Helicopter tail rotors : is the end in sight? – *M. Grangier:* 3/274
AFTI prepares to probe the frontiers of manoeuvrability : 4/299
Dornier starts tests with DSFC Alpha Jet : 5/411
Simulation reaches towards reality – *D. Boyle:* 5/451
Douglas Aircraft boundary-layer control technique : 7/642
ALPEX : Airborne sensors chart alpine weather patterns – *C. Bulloch:* 8/778
Technology for tomorrow's business aircraft – *M. Grangier:* 9/875
Multicolour electronic displays for combat aircraft – *P. Condom:* 9/901
NEXRAD when? Slow progress towards Doppler weather radar – *C. Bulloch:* 9/961
Gyroscopes and rate gyros : a swiftly-changing market – *P. Condom:* 9/988
Certificating composite structures – *C. Bulloch:* 10/1119

ENGINES

Pratt & Whitney's rejuvenated JT9D – *B. Rek:* 2/178
"French solution" for 150-seater powerplant? : 3/213
Rolls-Royce looks forward from Pegasus : 6/610
Piston engines for general aviation : Is the revolution really under way? – *M. Grangier:* 9/898
Thunder power for executive and ag-aircraft : A new lease of life for the piston engine – *B. Sweetman:* 10/1048
Engines for future combat aircraft : What's needed and what's achievable – *P. Condom:* 10/1050
Improving the RB.199 : 11/1144
P&WC attacks Dart market : 12/1254
Alfa Romeo's turboprop takes off – *M. Lambert:* 12/1307

ELECTRONICS

Airbus certificates the forward-facing cockpit – *M. Lambert:* 1/40
The GenAv "glass cockpit" – Certification this Summer – *C. Bulloch:* 1/91
On-board computers save fuel and help ATC – *C. Bulloch:* 3/251
Airborne management systems survey : 3/254
Cockpit automation and workload reduction : Too much of a good thing? – *C. Bulloch:* 3/263
JTIDS marches on : will it work in Europe? – *C. Bulloch:* 6/573
Who goes there? – Pardon me? NATO IFF heading for communications gap – *D. Boyle:* 6/574
Secure voice requirement remains – *C. Bulloch:* 6/576
The computerized cockpit for the one-man crew – *M. Lambert:* 6/608
Multicolour electronic displays for combat aircraft – *P. Condom:* 9/901
NEXRAD when? Slow progress towards Doppler weather radar – *C. Bulloch:* 9/961
VHSIC : Electronics getting smaller and faster – *D. Boyle:* 11/1232
Fly-by-wire for airliners : carefully does it – *P. Condom:* 12/1284
Business aircraft avionics – spin-off from the airliners – *P. Condom:* 12/1322

INTERNATIONAL CONFERENCES AND EXHIBITIONS

International Meetings and Conferences : 1/22, 2/126, 3/218, 4/304, 5/418, 6/543, 7/646, 8/745, 9/858, 10/1020, 11/1150, 12/1260
The CAAA is dead, long live RAA – *B. Rek:* 1/22
Helicopter industry faces challenges at 34th HAI Show : 2/115
Better outlook for helicopters : *M. Lambert* reports from the Helicopter Association International Exhibition : 4/305
Hanover ILA '82 : Looking for a new identity : 5/408
Is there a market for medevac aircraft? : 6/541
Hanover 82 : 7/655
AFCEA 82 : The vital role of C^3 – *D. Boyle:* 8/746
Farnborough International 82 : Plenty of deals in the air : 9/848
On the eve of NBAA – industry faces crisis. 9/856
Farnborough International 82 : A vintage year, but... : 10/1029
Plenty of news, not many customers at NBAA – *M. Grangier:* 11/1151

DATA TABLES

World Air Forces Survey 1982 : 1/51
Development of world scheduled traffic – 1977-1981 : 3/209
Jet airliner order and delivery record : 3/212
Airborne management systems survey : 3/254
Major European airports, ranked in order of 1981 passenger traffic : 4/296
The world's military helicopter fleets : 5/483
Interavia surface radar catalogue : 7/679
Leading particulars of the principal types of turbojet and turboprop business aircraft : 9/877
Interavia surface radar catalogue (Part 2) : 9/963
The world's major airlines : An Interavia survey : 10/1077
Interavia commuter airliner survey : 11/1169

REGULAR FEATURES

World of aerospace : 1/11, 2/115, 3/207, 4/293, 5/407, 6/533, 7/639, 8/733, 9/847, 10/1013, 11/1139, 12/1251
People : 1/22, 4/304, 5/418, 6/543, 7/646, 8/745, 9/858, 10/1020, 11/1150, 12/1260
Letters to the Editor, 2/126, 4/304, 10/1020, 11/1149, 12/1260
New products & technology : 1/95, 2/187, 3/270, 4/386, 5/510, 6/619, 7/713, 8/827, 9/983, 10/1115, 11/1227, 12/1317
Editorial : Recipe for a vital industry : Money, work and will : 1/9
Ariane – The European option : 2/113
Still room for optimism : 3/205
Don't bury the 150-seater yet : 4/291
Darwin rules – OK? : 5/405
The language gap : 6/531
The European challenge : 7/637
Airbus : the wrong target for Boeing : 8/731
A penniless market : 9/845
Pacem in orbit? : 10/1011
Words and realities : 11/1137
Will 1983 be any better? : 12/1249

AUTHORS

Boyle, Dan
Simulation reaches towards reality : 5/451
Who goes there? – Pardon me? NATO IFF heading for communications gap : 6/574
AFCEA 82 : The vital role of C^3I : 8/746
Hover jam : US Army studies EW helicopter : 7/760
Battlefield targeting : A requirement that won't go away : 9/959
AERA – the next big step in ATC automation : 10/1066
Anti-radar missiles : 11/1194
Helicopters take on AEW role : 11/1198
VHSIC : Electronics getting smaller and faster : 11/1232

Brough, Nick
Africa's airlines seek closer co-operation : 6/600
The airlines and their financiers : A delicate partnership : 10/1101
Shuttle services – what prospects for the future? : 12/1286

Bulloch, Chris
The GenAv "glass cockpit" : Certification this Summer : 1/91
On-board computers save fuel and help ATC : 3/251
Cockpit automation and workload reduction : Too much of a good thing? : 3/263
West German aerospace : Self-help for hard times : 4/334
Inmarsat : Maritime communication takes on a new dimension : 4/383
JTIDS marches on : will it work in Europe? : 6/573
Secure voice requirement remains : 6/576
Military surveillance radars, now and tomorrow : 7/676
SITA's new directions : The growth of airline telematics : 7/703
ALPEX : Airborne sensors chart alpine weather patterns : 8/778
NEXRAD when? Slow progress towards Doppler weather radar : 9/961
Certificating composite structures : 10/1119
France in space : Number Three tries hardest : 11/1207
Space launcher systems – who's out in front? : 12/1281
Beyond the far horizon – USAF's ionosphere-bouncing radar finally set to go : 12/1302

Burkhardt, Robert
The deregulation experience : 10/1061

Chambost, Germain
French Industry : Nationalization ! is that what you said? : 6/581
Epsilon : The basic trainer with military ways : 7/700

Condom, Pierre
French Industry : Nationalization ! is that what you said? : 6/581
Boeing's new transports in a flight-test marathon : 7/695
60 or 90 minutes : A matter of confidence : 8/816
Multicolour electronic displays for combat aircraft : 9/901
Gyroscopes and rate gyros : a swiftly-changing market : 9/988
Engines for future combat aircraft : What's needed and what's achievable : 10/1050
Avionics : A problem of identity : 11/1173
Fly-by-wire for airliners : carefully does it : 12/1284
Business aircraft avionics – spin-off from the airliners : 12/1322

Engel, Rolf
Soyuz and Salyut : Stepping-stones to a permanent Soviet space station? : 2/173

Ferguson, Jim
The North Sea : A pause for politics? : 2/150

Geddes, J. Philip
The cruise missiles era dawns : 9/919
Phoenix missile system 'still the one to beat' : 12/1300

Gilson, Charles
F-5G Tigershark : Testing time lies ahead : 10/1045

Goodson, Rodger
Turning Pan Am around *(Ed Acker talks to Interavia)* : 1/32
Changi International – an airport for the 1980s : 1/100
Armin Baltensweiler talks to Interavia : 2/116
Travellin' across Texas : Commuters take to the skies : 3/239
Shoot out at D/FW : Braniff and American must strive to survive : 3/245
European regional airlines : A rational system struggles to emerge : 4/368
Situation normal : The confused domestic scene in Japan : 5/447
Regional air transport in Japan : 6/597
Air Cargo : traffic increases while profits vanish : 7/706
"A lot of passengers but no money" : Charter operators feel the squeeze : 8/813
Survival or bankruptcy : Sabena bites the bullet : 9/951
The growing burden of user charges : IATA puts the airlines' case : 11/1214

Grangier, Marc
1982 : the crucial year for the Citation III : 1/87
Air Logistics approaches a second successful decade : 2/148
A business jet with upper surface blowing : 2/185
Challenger CL-601 makes its bow : 3/267
Helicopter tail rotors : is the end in sight? : 3/274
How to sell business aircraft during a recession? : 5/437
General Aviation in the USA : Waiting for the upturn : 5/467
Training private pilots : manufacturers go on the attack : 5/503
Air Midwest : The tenacious pioneer : 6/602
ATR 42 : The real take-off : 6/604
The Commuter 1900 : Beech's new attack on the market : 6/606
Astra : Can it live up to its aspirations? : 7/698
From Falcon 20 to Falcon 200 : An important French re-engining program : 8/818
Technology for tomorrow's business aircraft : 9/875
Piston engines for general aviation : Is the revolution really under way? : 9/898
Gulfstream's special GIII for Denmark : 10/1109
Plenty of news, not many customers at NBAA : 11/1151
New commuterliners : The market opens up : 11/1167
Are airships in again? : 11/1216
Training the airline pilot : 12/1269
Single turboprops pursue business aircraft market : 12/1274
Gulfstream American – beyond the G III : 12/1276

Heinz, Bernhard, W.
Airspace use and the jet age : 5/506

Hewish, Mark
Runway busting : current anti-runway weapons : 1/83

Lafon, Georges
A new look at the Tupolev Tu-26 'Backfire'. : 1/78

Lambert, Mark
Airbus certificates the forward-facing cockpit : 1/40
The latest Ecureuil 2/TwinStar : An Interavia flight assessment : 2/145
The Italian aerospace industry : A firm future at last? : 2/157
Combat VSTOL : Still not the cure-all : 3/223
AV-8B/Harrier GR.5 : range, payload and VSTOL : 3/224
Better outlook for helicopters : *M. Lambert* reports from the Helicopter Association International Exhibition : 4/305
Saab-Fairchild 340 : Reducing the commuter operators' risk : 4/317
The commerical fighter : 5/431
Why Sweden wants its own fighter : 5/434
The Westland 30 goes into service : 5/472
The computerized cockpit for the one-man crew : 6/608
Switzerland means to defend its neutrality : 6/557
The ASW helicopter : A change of emphasis : 7/671
Piper's T-1040 : how it shapes up : 8/757
Count-down for Lynx 3 : 8/763
Cessna Crusader : operator's assessment : 9/895
Germany looks for a new 7-tonne helicopter : 10/1103
Training the airline pilot : 12/1269
Alfa Romeo's turboprop takes off : 12/1307

Lopez, Ramon
Where next for Midway Airlines : 10/1064
Training the airline pilot : 12/1269

Mama, Hormuz, P.
Changi International – an airport for the 1980s : 1/100

Maurice, Paul
Training on the Tornado : In squadron service soon : 1/80

Philipp, Udo
West German aerospace : Self-help for hard times : 4/334

Regelin, Klaus
Airbus Industrie : the year of progress : 1/35

Rek, Bron
The CAAA is dead, long live RAA : 1/22
Boeing's bigger narrowbody : 1/43
Will Lockheed be the last to say enough is enough? : 2/133
Pratt & Whitney's rejuvenated JT9D : 2/178
CAC-100 : The commuter from Ohio : 3/242
Piper's T-1000s attack the airline market : 3/268
Boeing's high-capacity jumbo : 4/323
West German aerospace : Self-help for hard times : 4/334
Specifying the 150-seater : Delta's tantalising requirement : 9/953
Powerplants : A concentrated market : 11/1172
Survival is their business : Martin-Baker's single-minded approach : 11/1196
Why British Midland wants the ATP : 12/1288

Sweetman, Bill
Thunder power for executive and ag-aircraft : A new lease of life for the piston engine : 10/1048
Changing times for California's airlines : 11/1211
Learfan advances under new management : 12/1310

Wanstall, Brian
Wars don't stop at night : 8/773
Tactical flying in Europe : Realism versus environment : 9/924
ACA – ECA or Pipedream : Industry needs it – but who will pay? : 11/1191
Air defence in the Baltic : 12/1297

Weissmann, Tom
Dexterity for the Space Shuttle : A training simulator for the Remote Manipulator System : 5/454

Wood, Derek
Ahrens AR 404 : an outsider bids for the light transport market : 2/139
B.CAL prepares for the future : 4/380